



PENN-OHIO BORDER SECTION

NEWSLETTER

November Meeting

Wednesday, November 19th

Speaker

Dr. Peter Smith
Department of Chemistry
Westminster College

Room-Temperature Ionic
Liquids as Potential
Replacement Solvents in
Solvent Extraction

Hoyt Science
Center, Room 166
7:00 p.m.

(Directions on page two.)

Abstract

Many chemical industries are chronic polluters. One culprit is the hydrometallurgical industry. The separation and purification of many metals is accomplished using solvent extraction. The most common solvents used in solvent extraction are classified as volatile organic compounds (VOCs). Research is being conducted to determine the feasibility of replacing VOCs in solvent extraction with nonvolatile and nonflammable room-temperature ionic liquids (RTILs). The use of RTILs as both solvents and chelating agents in the solvent extraction of copper will be discussed.

Election of 2004 Officers

The Penn-Ohio Border Section will be holding an election of executive officers at its November meeting. The positions for consideration are: Chair, Chair-elect and Members-at-Large. Nominations will be accepted and voted upon at the November meeting. If anyone is interested in pursuing a position, yet unable to attend the meeting, please contact current Chair, Helen Boylan prior to the November 19 meeting.

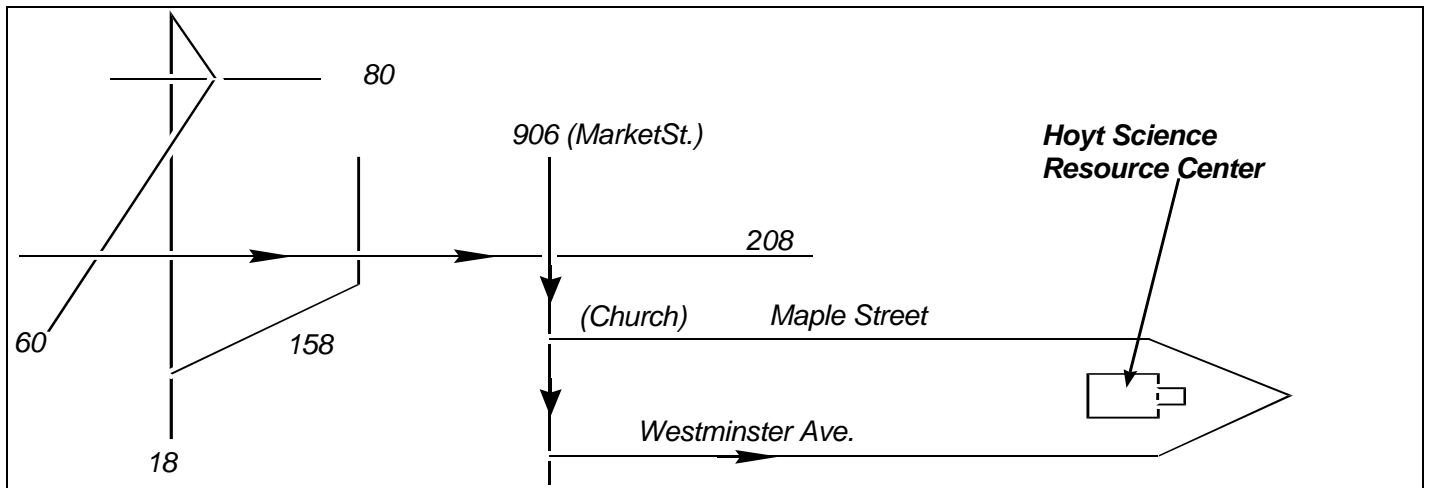
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Directions to Westminster College

From the North take route 18 South toward New Wilmington/New Castle. Turn left onto 208 East at the intersection with the Cheese factory, Amoco gas station, and Ryder's restaurant.

From the South take route 18 North toward New Wilmington/New Castle. Turn right onto 208 East at the intersection with the Cheese factory, Amoco gas station, and Ryder's restaurant.

Follow 208 into New Wilmington. Go through the blinking yellow light to the next traffic light. Take a right onto Market Street. Beyond the storefronts and the stone church on the left starts Westminster College campus. Take a left at the second campus road. Proceed through campus down the hill. A small stream will be on your right along with a soccer field and the Field House Athletic Complex. On your left, just opposite the Field House (prior to the reaching the rotary) you will see the Hoyt Science Resource Center. (See Map Below.)



Penn-Ohio Border Section

American Chemical Society
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Chemistry Department
Westminster College
New Wilmington, Pa 16172

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Report on the ACS Central Regional Steering Committee Meeting held October 22, 2003.

The Meeting was held at the conclusion of the 35th Central Regional Meeting at the Sheraton Station Square, Pittsburgh, Pennsylvania. Six local sections were represented out of a possible 25 sections. Reports of past, present, and future meetings were discussed as follows:

2002 – 34th – Huron Valley Section sponsored this meeting at Eastern Michigan University. There were 243 attendees and a profit was recorded.

2003 – 35th – Pittsburgh Section sponsored this meeting at the Sheraton Station Square. There were approximately 553 attendees and 343 papers presented. Preliminary report of finances seemed acceptable. There were 23 exhibits plus the Foil Miller Stamp Exhibition and the Chemical Heritage Traveling exhibit on “Chemistry is Electric” (at a cost of \$1000). John B. Fenn, 2002 Nobel Laureate in Chemistry presented the Plenary Lecture – “Electrospray Ionization Wings for Molecular Elephants”. Thirty-five people attended a Women Chemists Luncheon. An Award Dinner was held to present the Pittsburgh Award and to celebrate the 100th Anniversary of the Pittsburgh Section.

2004 – 36th – Indiana Section is sponsoring this meeting at Indiana University Purdue University, Indianapolis, Indiana on June 2 – 4, 2004. Their website is <http://membership.acs.org/l/indiana>. The Featured Symposia are Chemistry of Auto Racing, Proteomics, Nanotechnology, Forensic Chemistry, Chemistry and Art, and Chemistry in Interstellar Space. In the past, this was an excellent meeting. Mark your calendars.

2005 - 37th - Akron Section sponsoring.

2006 - 38th - Midland Section sponsoring.

2007 - 39th - Cincinnati Section sponsoring.

2008 - 40th - Columbus Section sponsoring.

2009 - 41st - Cleveland Section sponsoring.

There were comments regarding the unfriendliness of the website registration run by the ACS National. The District Director's Breakfast at 7:30 am was poorly attended and a suggestion was given to make this activity later in the day. There was also discussion about one-day badges at CRM. The problem of monitoring the badges was a reason given to not issue one-day badges. The vote on the affiliation of the Central Regional Meeting with the ACS as a 501C3 Tax Exempt Organization passed. There was a motion tabled involving the development of a “Most Improved Section Award” within the Central Region. The ACS has withdrawn its support of the Regional High School Teaching Award, so the Central Regional Steering Committee will award \$500 to the teacher and pay her expenses to attend the CRM and present a paper. This year \$500 was presented to the Science Department of the teacher's high school by CRM, with ACS National awarding \$1000 to the teacher. Gerst Gibbon donated an additional \$500 for next year's teacher winner, so that the total award from the Region will be \$1000.

The Penn-Ohio Border Section partially sponsored a symposium on “Innovations in High School Chemical Education”. During this symposium, the ACS Central Regional High School Teacher award was presented to Julia Winter of Detroit Country Day School. She presented a paper as well as previous winners of this award as follows: 2001 – Annie Hapkiewicz sponsored by the Michigan State Section, 1998 – Fen Lewis sponsored by the Cleveland Section, 1997 – Kathy Kitzmann sponsored by the Detroit Section, and 1996 – Bonnie Buddendech sponsored by the Dayton Section. This symposium was very, very successful; and everyone appreciated the luncheon sponsored by the POBS. There was also a poster session associated with the symposium. Dr. Stacey Lowery Bretz and her students at Youngstown State University presented the posters. Stacey is the Project Director for YSU FIPSE, (U.S. Department of Education Fund for the Improvement of Post-Secondary Education) and M.S. Degree in Chemistry with a concentration in Chemistry Education.

Submitted by Doris Zimmerman